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Schematic Package Supplement to



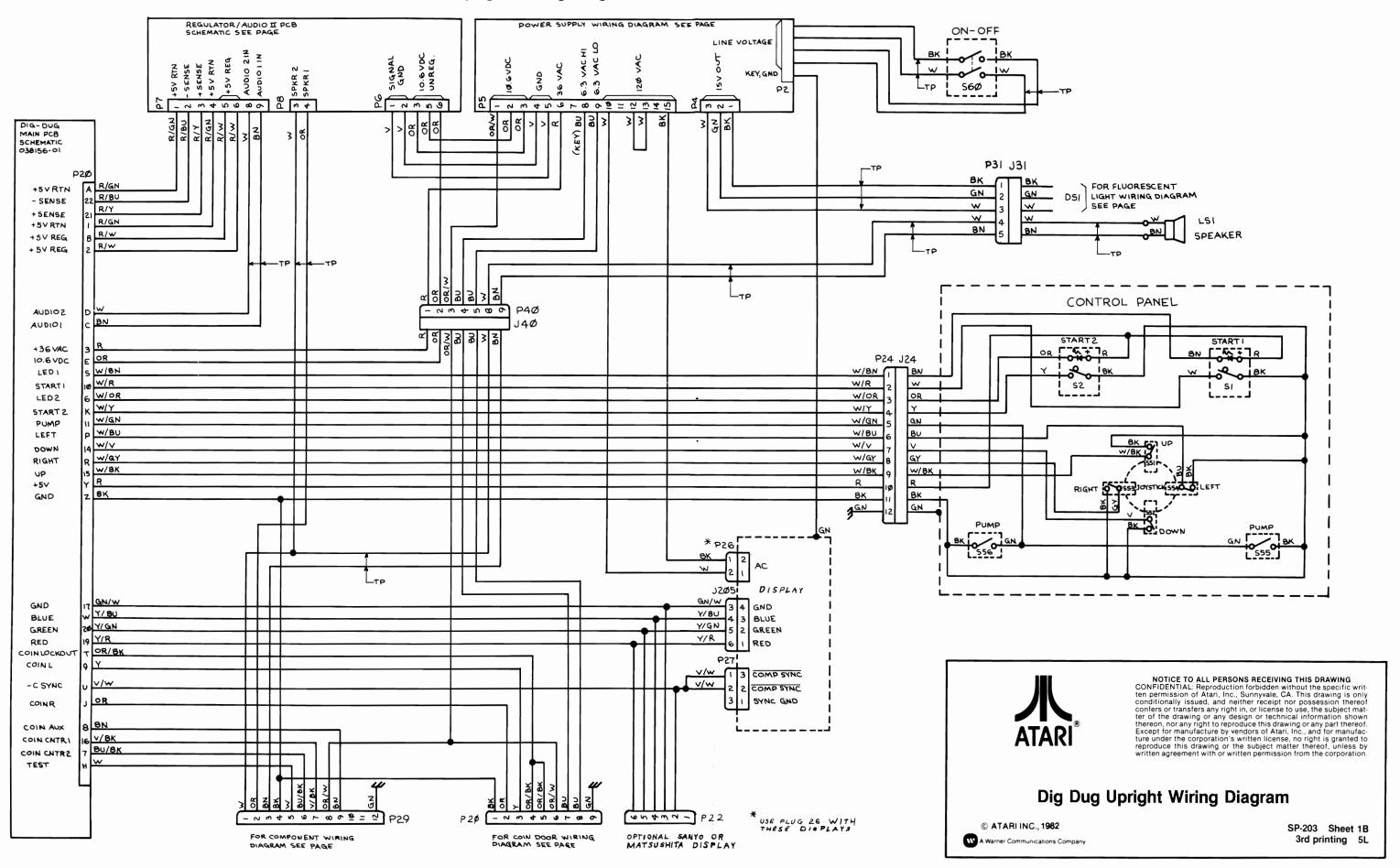
Operation, Maintenance and Service Manual



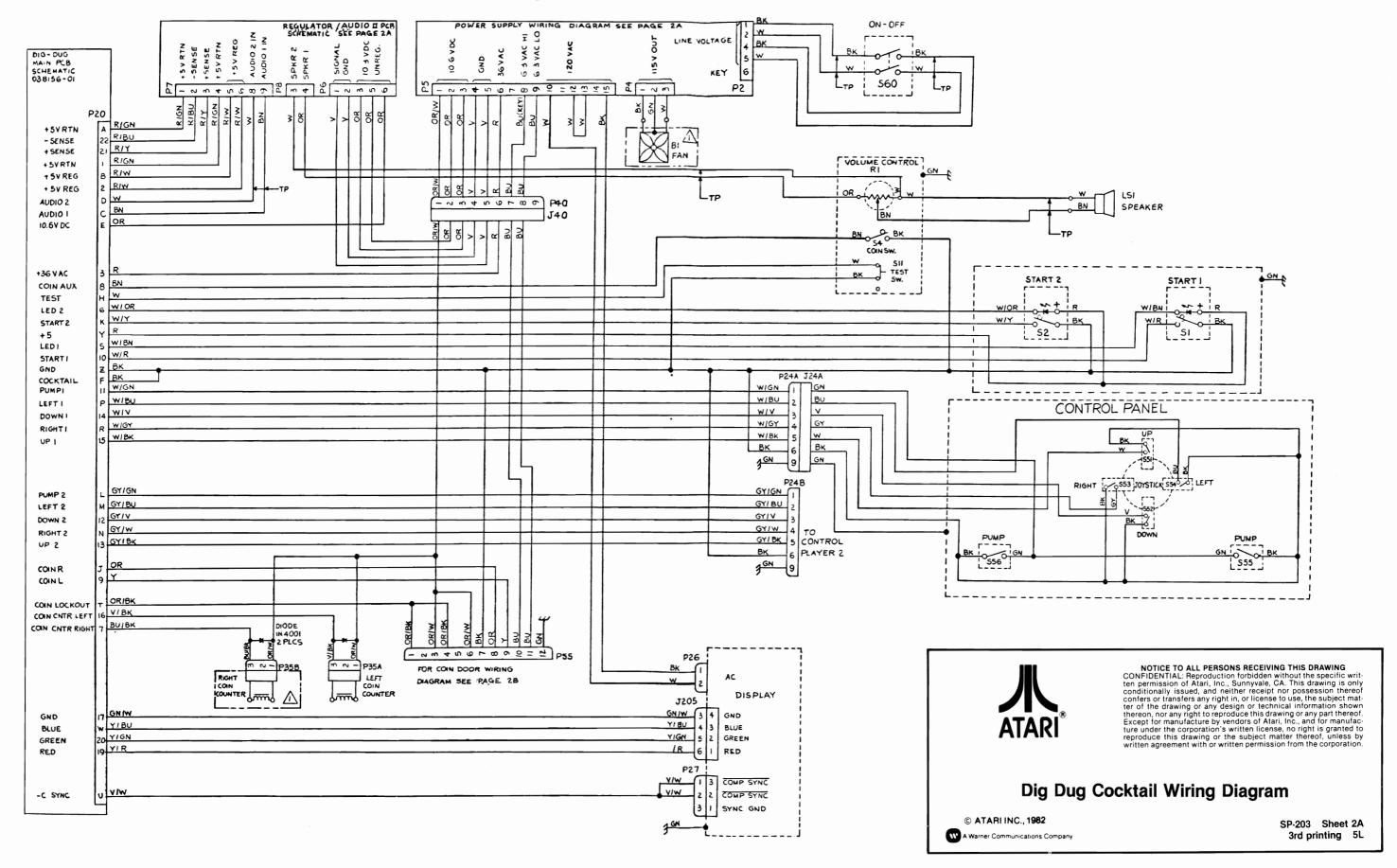
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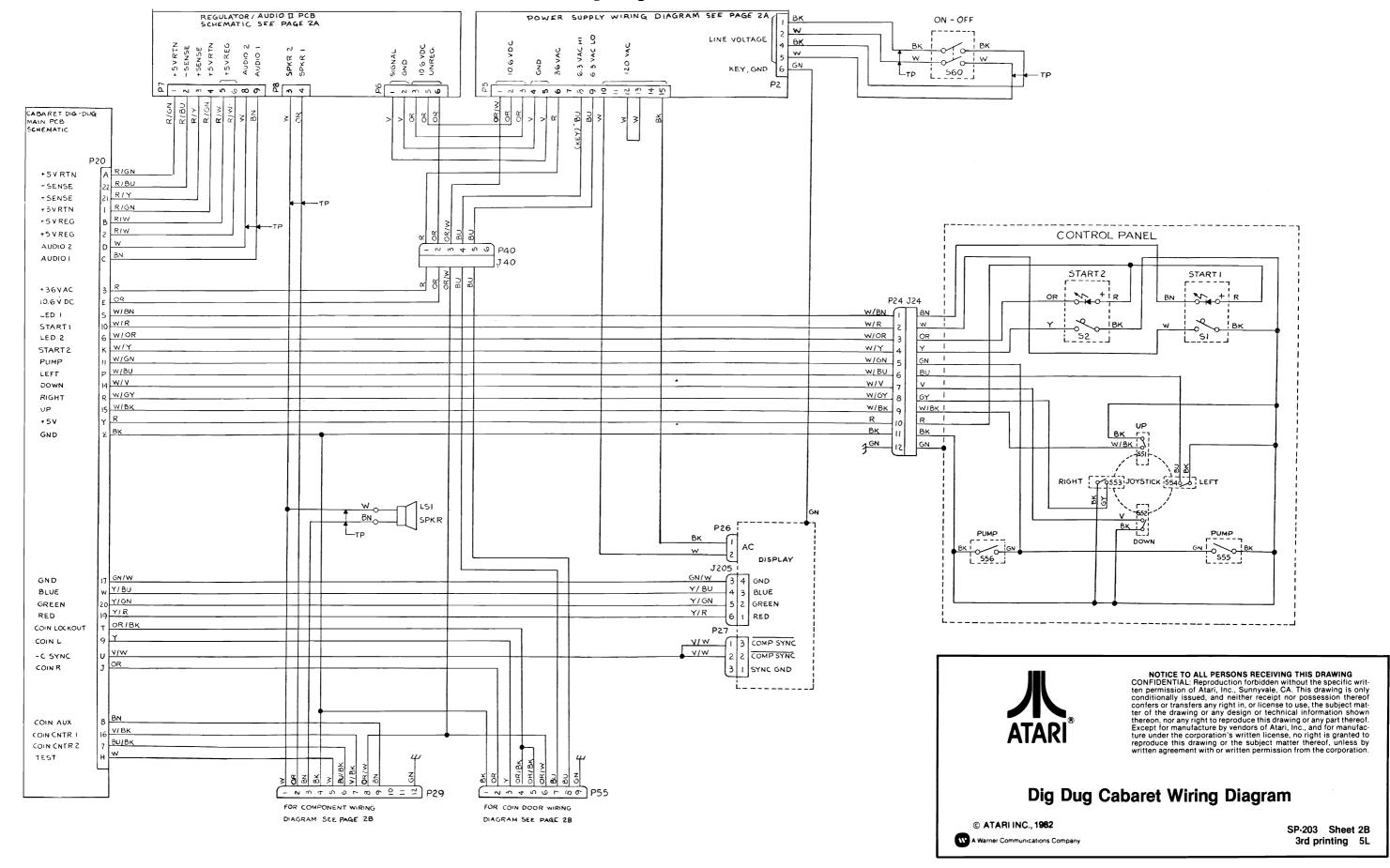
Upright Wiring Diagram



Cocktail Wiring Diagram

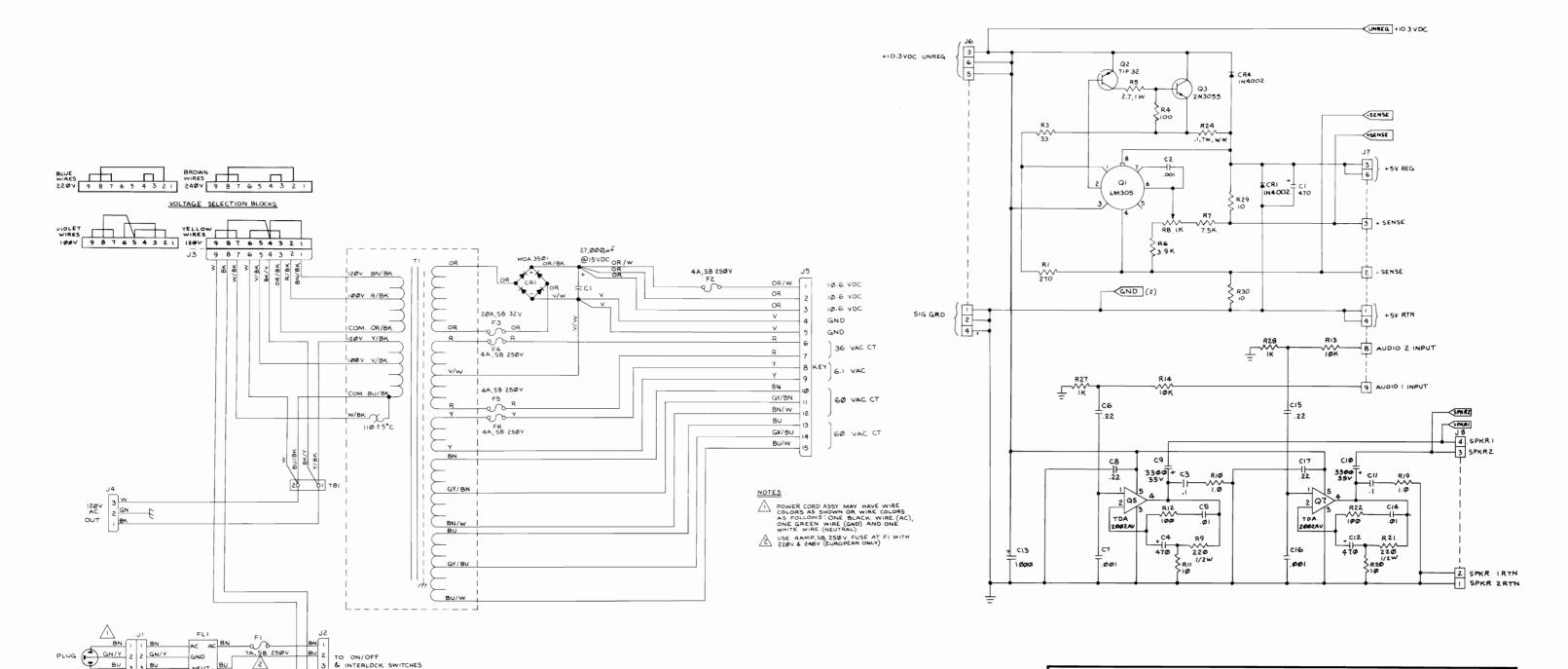


Cabaret Wiring Diagram



Color Raster Power Supply Wiring Diagram

Regulator/Audio II PCB Schematic Diagram





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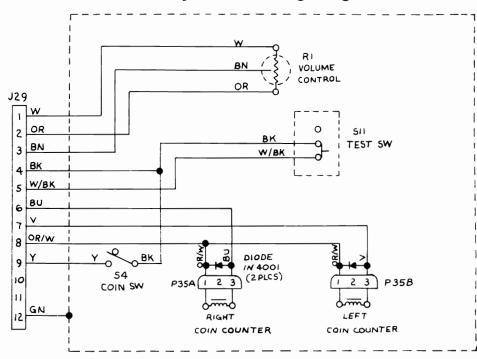
Dig Dug Power Supply and Reg./Audio II PCB

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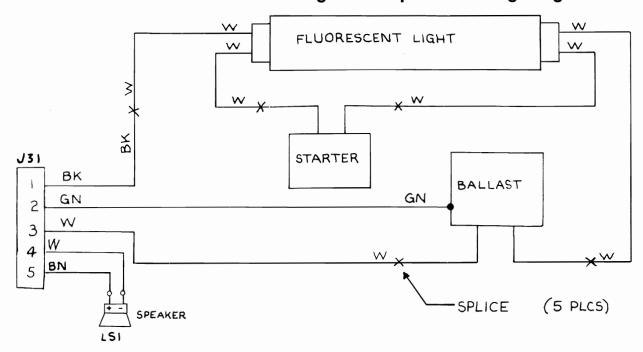
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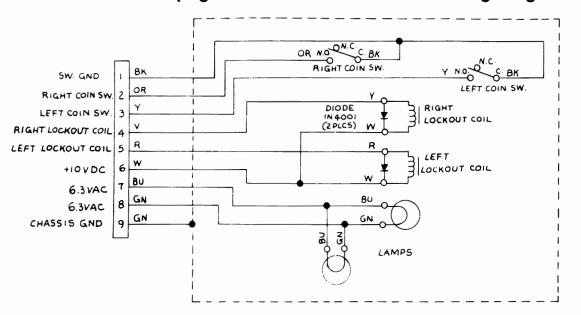
Utility Panel Wiring Diagram



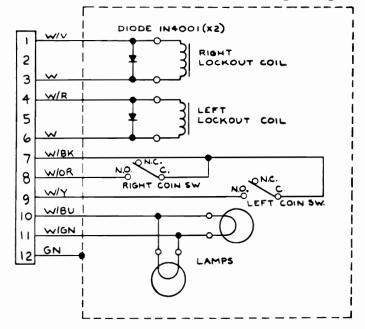
Fluorescent Light and Speaker Wiring Diagram



Upright and Cabaret Coin Door Wiring Diagram



Cocktail Coin Acceptor Wiring Diagram



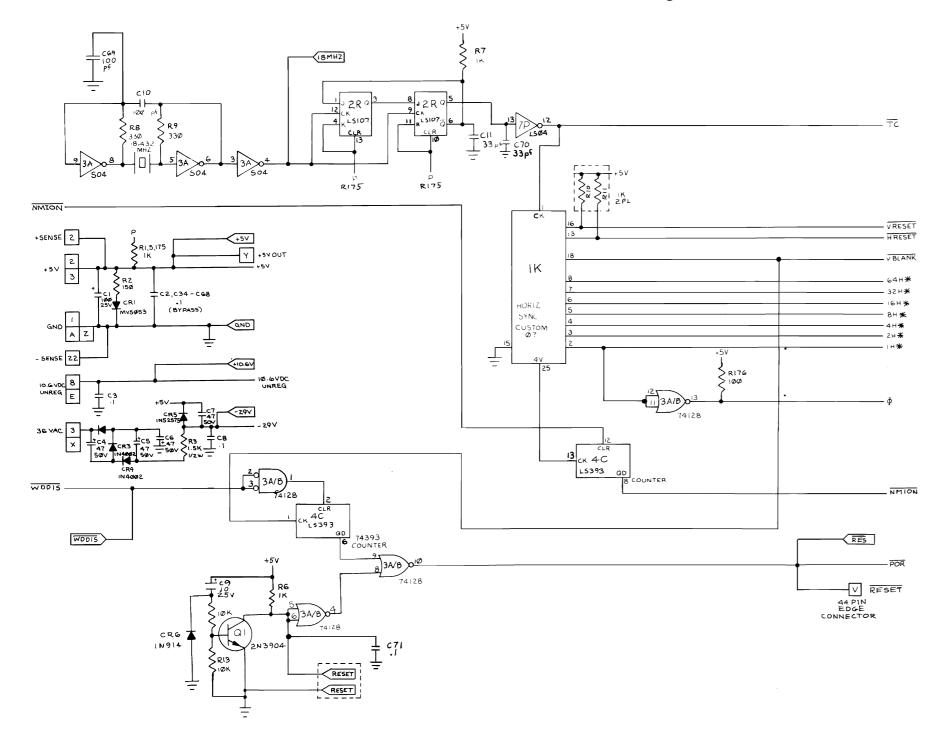


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Dig Dug Game Wiring Interfaces

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CPU PCB Power Input, Clock, NMI, and Watchdog



MEMORY MAP

HEXA- DECIMAL	R/W	DATA								FUNCTION
ADDRESS		D7	D6	D5	D4	D3	D2	D1	D0	
0000-3FFF	R	D	D	D	D	D	D	D	D	1st Priority Z80 CPU ROM (16K)
0000-1FFF	R	D	D	D	D	D	D	D	D	2nd Priority Z80 CPU ROM (8K)
0000-0FFF	R	D	D	D	D	D	D	D	D	3rd Priority Z80 CPU ROM (4K)
6800-680F 6810-681F	W W					D D	D D	D D	D D	Audio Control Audio Control
6820 6821 6822 6823 6825 6826 6827	\$ \$ \$ \$ \$ \$ \$ \$								D D D D	0 = Reset IRQ1 (Latched) 0 = Reset IRQ2 (Latched) 0 = Enable NMI3 (Latched) 0 = Reset 2nd and 3rd Z80 CPUs (Latched) Custom Chip 53 Mode Control (Latched) Custom Chip 53 Mode Control (Latched) Custom Chip 53 Mode Control (Latched)
6830	W									Watchdog Reset
7000 7100	R/W R/W	D D	D D	Custom Chip 06—Data Custom Chip 06—Command						
8000-87FF	R/W	D	D	D	D	D	D	D		2K Playfield RAM
8B80-8BFF 9380-93FF 9B80-9BFF	R/W R/W R/W	D D D	1K Motion RAM (PIC, COLOR) 1K Motion RAM (VPOS, HPOS) 1K Motion RAM (FLIP)							
A000 A001 A002 A003 A004 A005 A007	\times \t								D D D D D	Playfield Select (Latched) Playfield Select (Latched) Alphanumeric Color Select (Latched) Playfield Enable (Latched) Playfield Color Select (Latched) Playfield Color Select (Latched) Flip Video
B800-B83F B800 B840	W R W	D D	D D	D D	D D	D D D	D D D	D D D	D D D	Write EAROM Address and Data Read EAROM Data Write EAROM Control



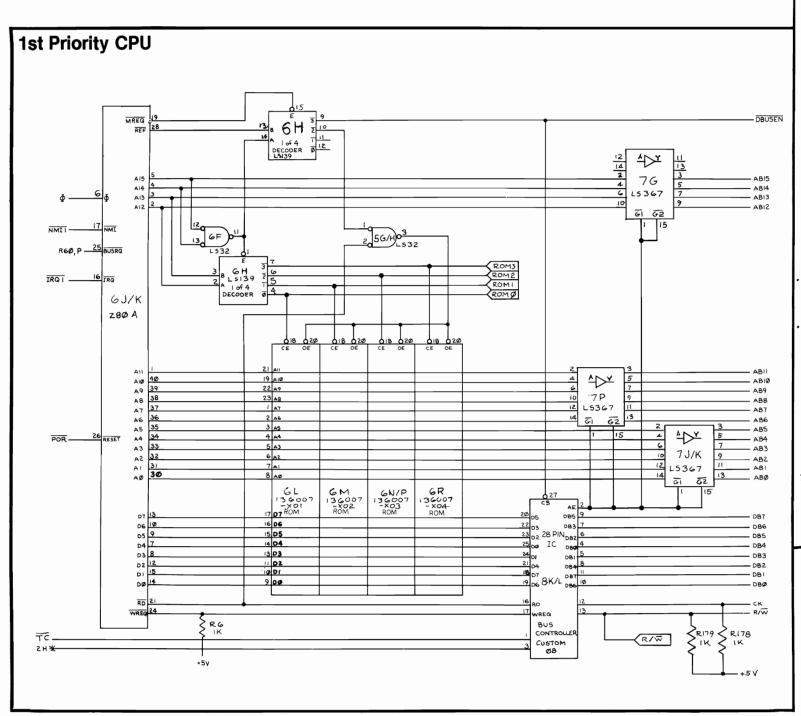
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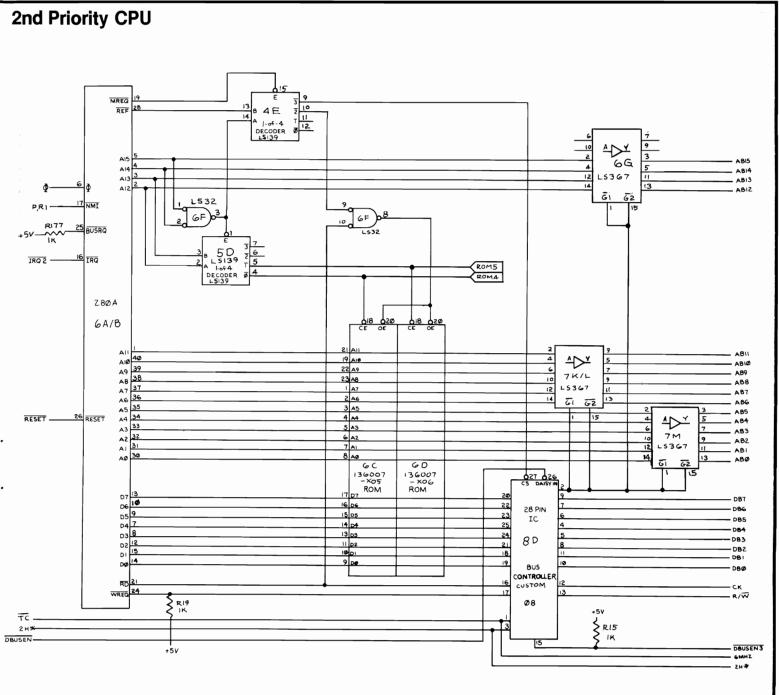
Dig Dug CPU PCB Schematic Diagram

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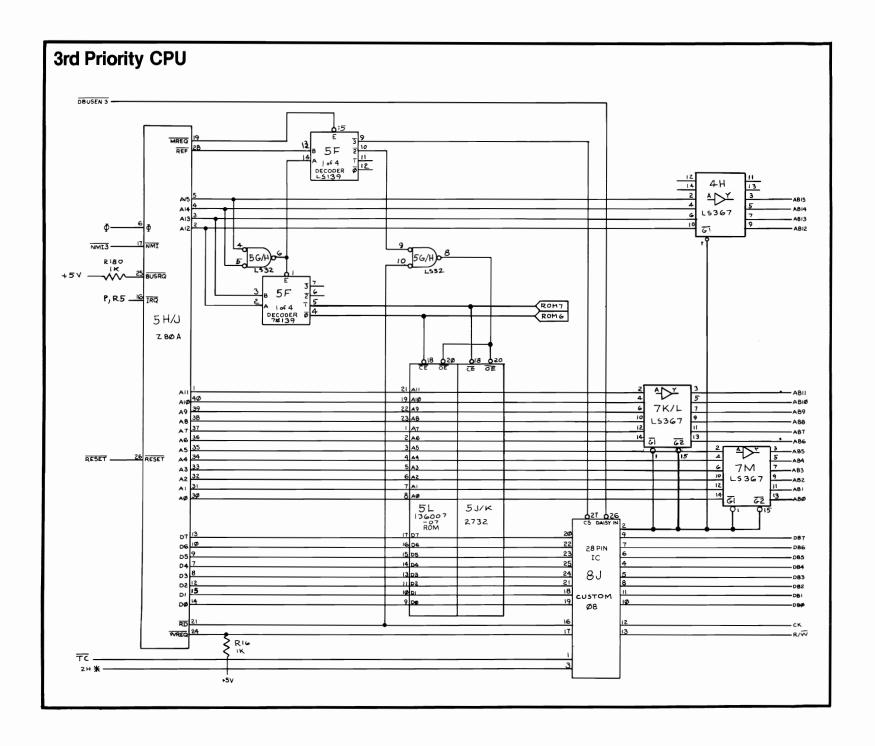


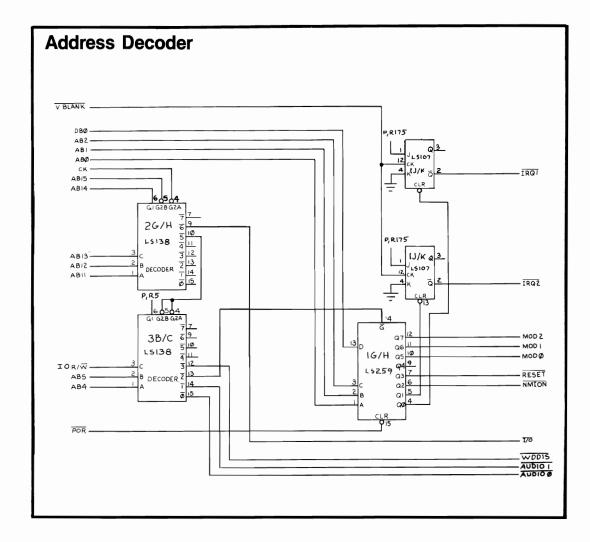
Dig Dug Game PCB Schematic Diagram

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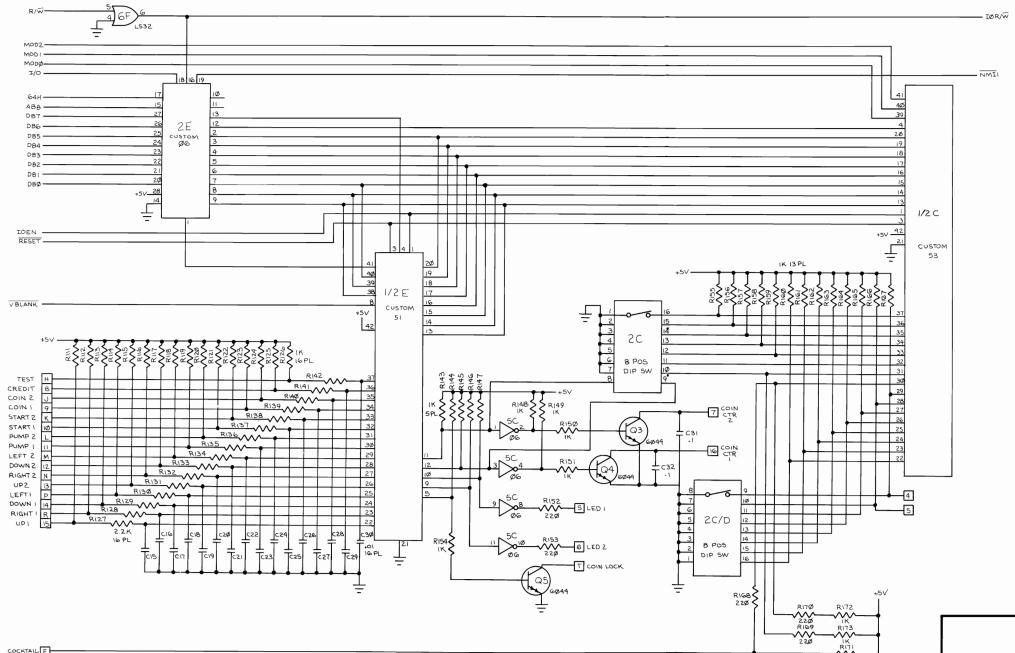
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Switch Inputs, Coin Door and Control Panel Outputs





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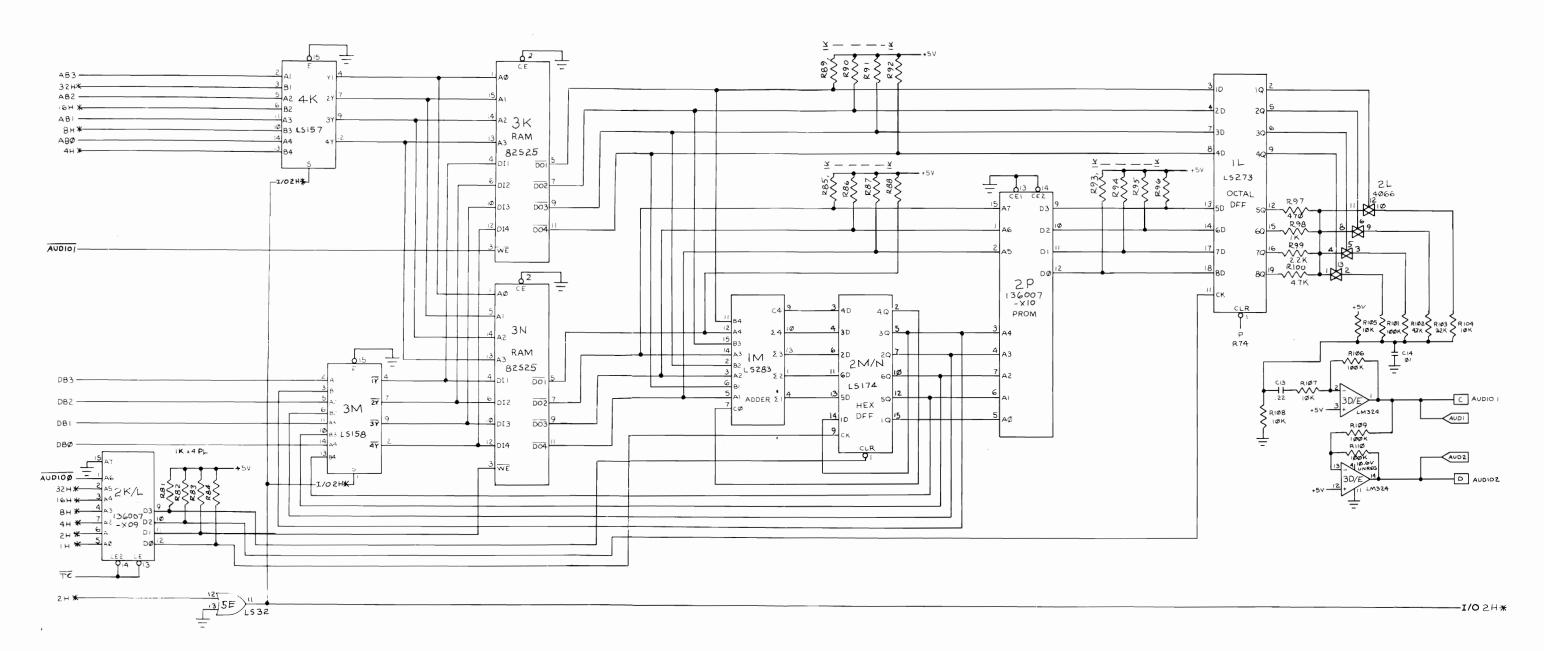
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Audio





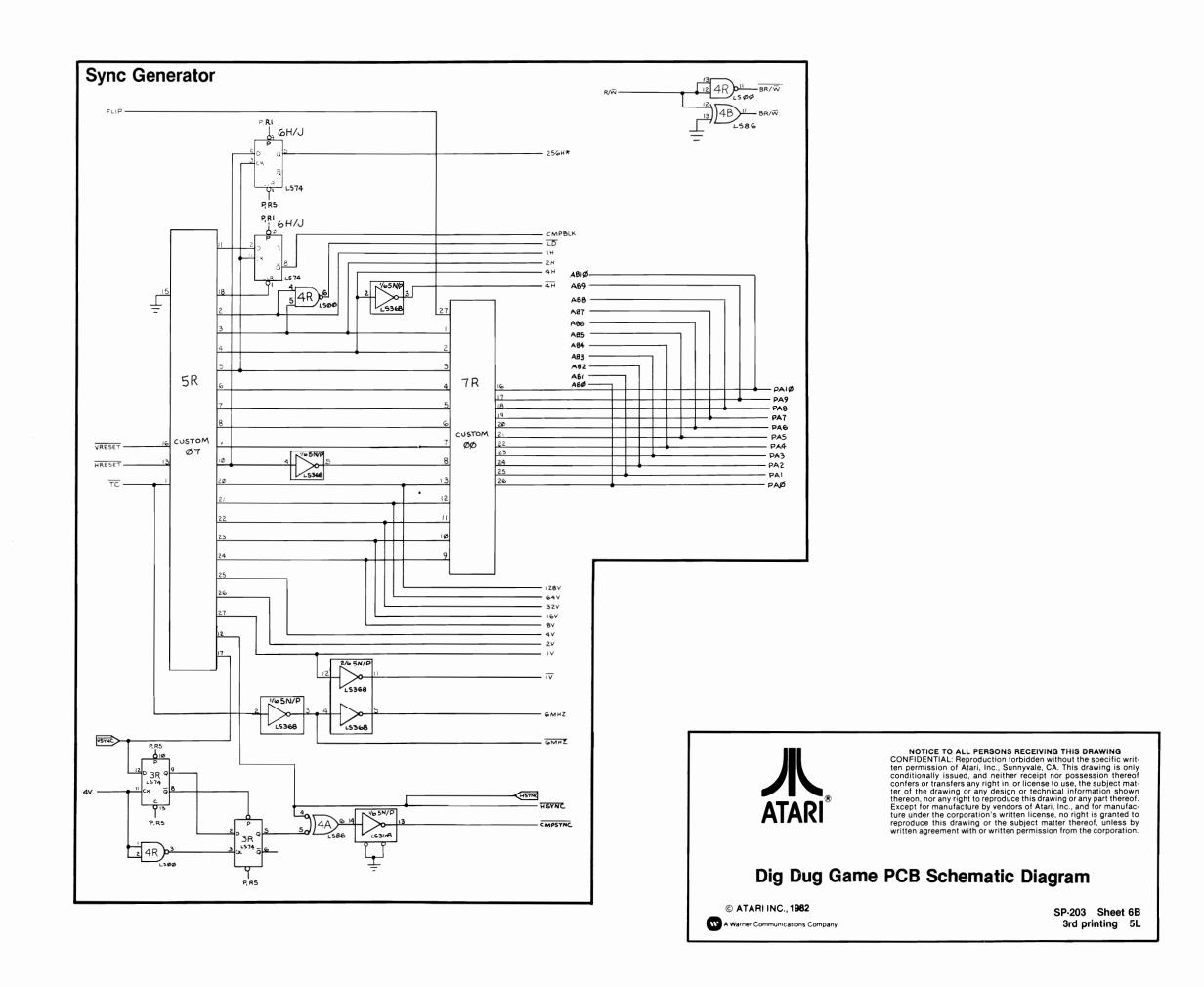
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Dig Dug Game PCB Schematic Diagram

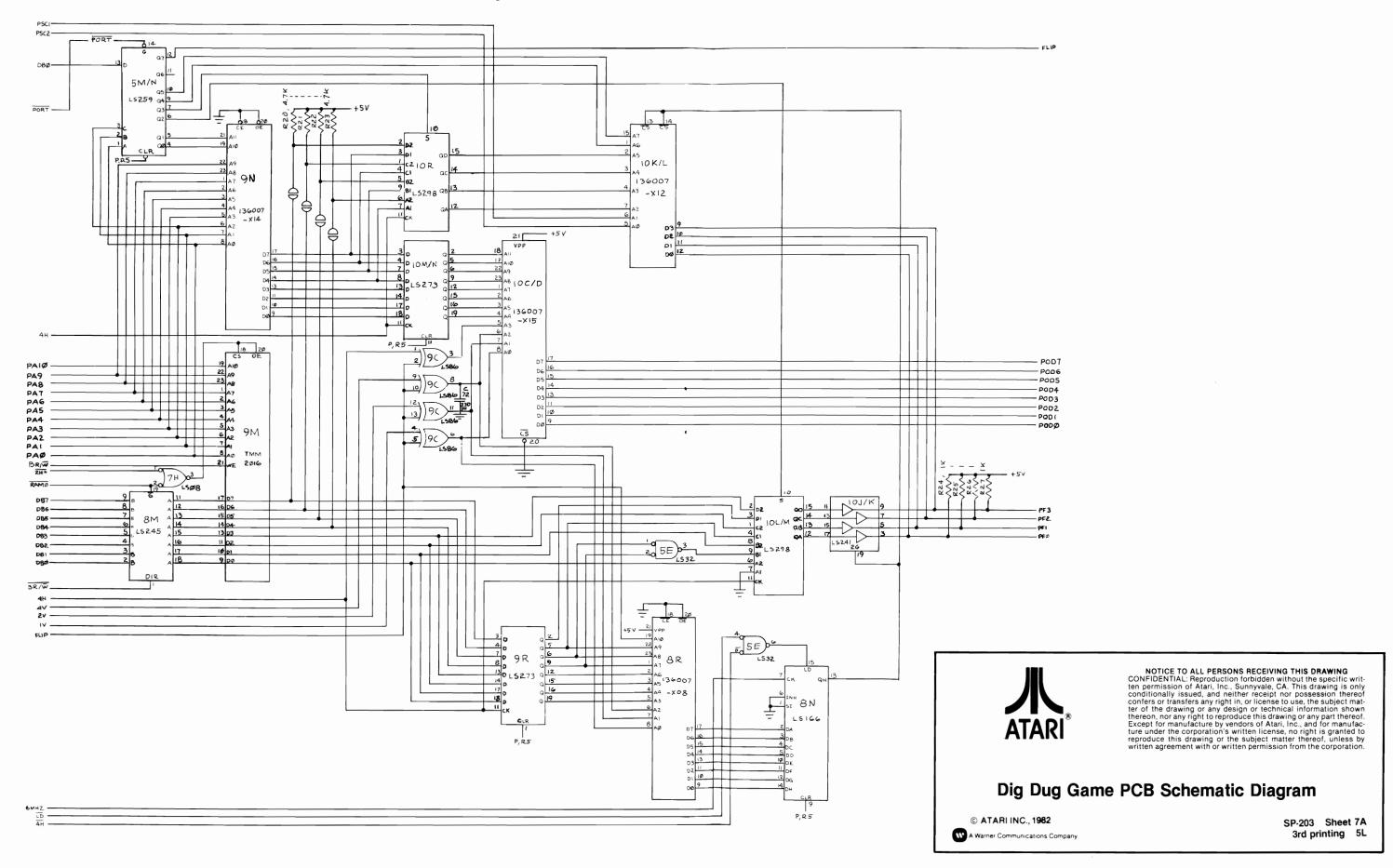
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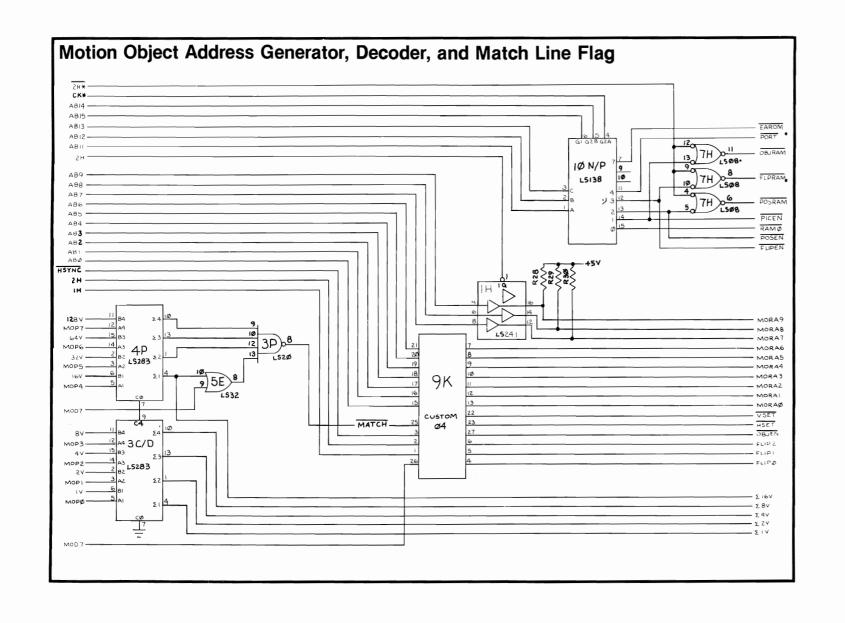
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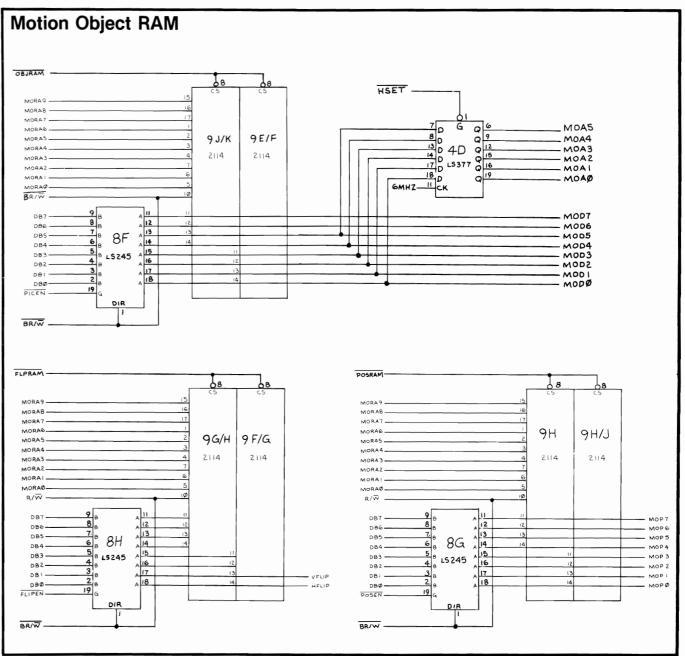
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Playfield Generator







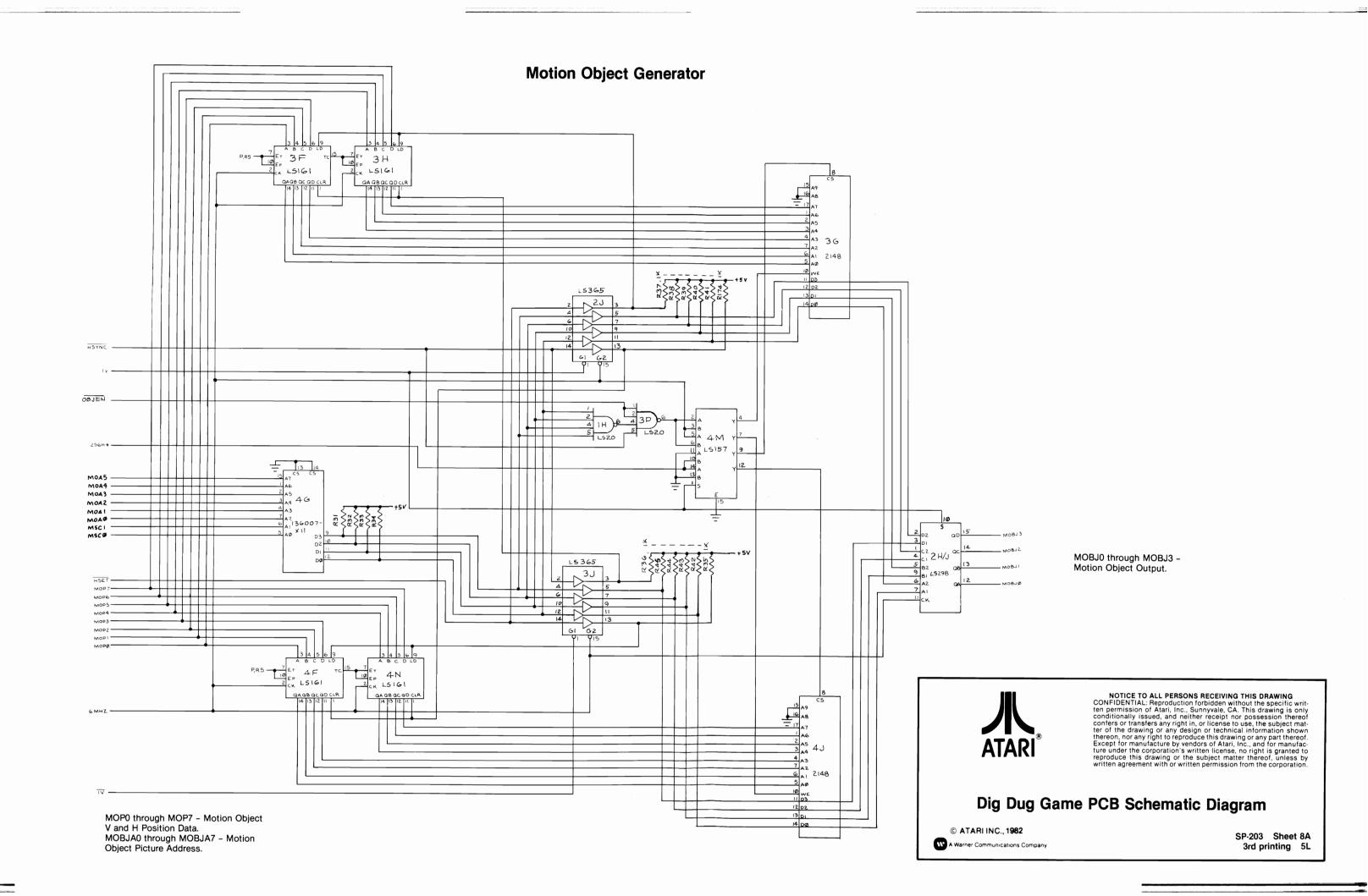


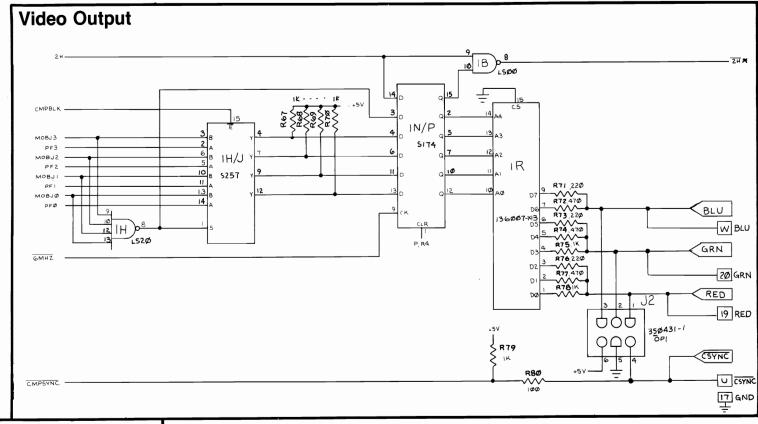
Dig Dug Game PCB Schematic Diagram

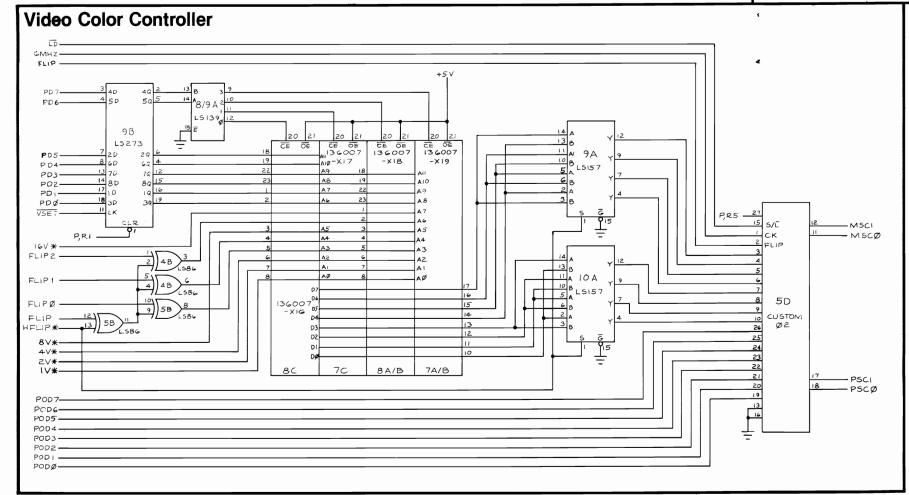
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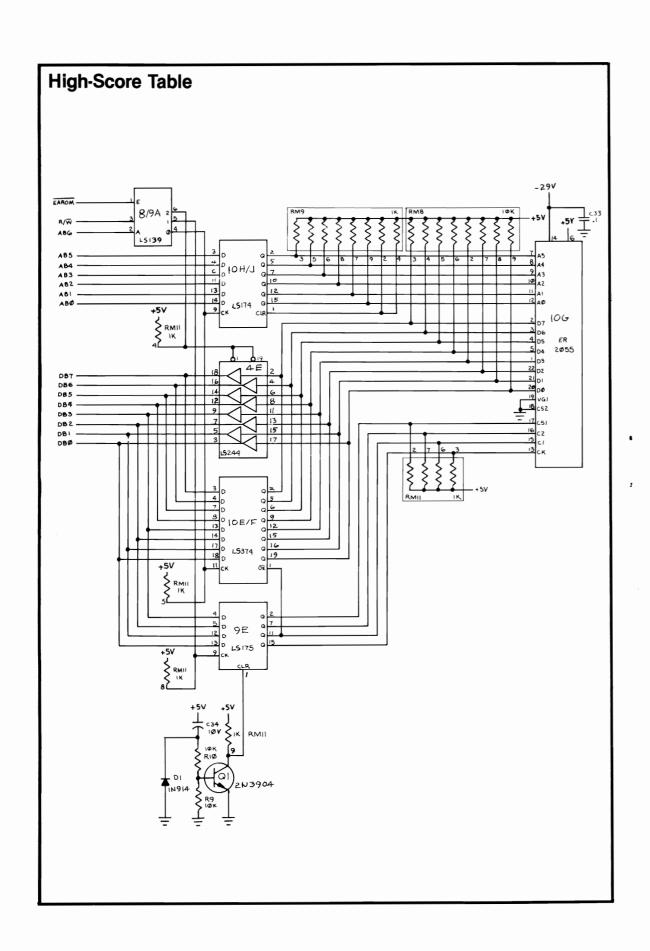


Dig Dug Game PCB Schematic Diagram

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